

AMENDMENTS TO THE CLAIMS

Serial No. 10/612,143

Claim 1 (currently amended): A resin tile comprising a plate having an upper surface and a lower surface, a plurality of inner flanges extending downwardly from said plate, a plurality of outer flanges extending downwardly from said plate outwardly of said inner flanges, said outer flanges being of less height than said inner flanges, outer edge portions on said plate, and fastener-receiving ~~bore~~ bore means located between said inner and outer flanges in at least certain of said outer edge portions for receiving fasteners which are received in joists to secure said tile to said joists.

Claim 2 (currently amended): A resin tile as set forth in claim 1 wherein said plate includes corners, and wherein said fastener-receiving ~~bore~~ bore means are located proximate said corners of said plate.

Claim 3 (original): A resin tile as set forth in claim 1 wherein said outer edge portions are between said inner and outer flanges.

Claim 4 (currently amended): A resin tile as set forth in claim 1 wherein said plate has two pairs of opposite outer edge portions, and wherein said fastener-receiving ~~bore~~ bore means are located in at least one pair of said opposite outer edge portions.

Claim 5 (currently amended): A resin tile as set forth in claim 4 wherein said fastener-receiving ~~bores~~ bore means are also located in the other of said pairs of fastener-receiving bores.

Claim 6 (currently amended): A resin tile as set forth in claim 1 wherein said fastener-receiving ~~bores~~ bore means are located in blocks.

Claim 7 (original): A resin tile as set forth in claim 6 wherein said plate includes corners, and wherein said blocks are located proximate said corners of said plate.

Claim 8 (original): A resin tile as set forth in claim 6 wherein said outer edge portions are between said inner and outer flanges, and wherein said blocks are located between said inner and outer flanges.

Claim 9 (currently amended): A resin tile as set forth in claim 6 wherein said plate has two pairs of opposite outer edge portions, and wherein said fastener-receiving ~~bores~~ bore means are located in at least one pair of said opposite outer edge portions.

Claim 10 (currently amended): A resin tile as set forth in claim 9 wherein said fastener-receiving ~~bores~~ bore means are also located in the other of said pairs of ~~fastener-receiving bores~~ opposite outer edge portions.

Claim 11 (currently amended): A resin tile as set forth in claim 1 including enlarged bores overlying said fastener-receiving ~~bores~~ bore means, and plugs for fitting into said enlarged bores.

Claim 12 (currently amended): A resin tile as set forth in claim 11 wherein said plate includes corners, and wherein said fastener-receiving ~~bores~~ bore means and said enlarged bores are located at said corners of said plate.

Claim 13 (original): A resin tile as set forth in claim 11 wherein said outer edge portions are between said inner and outer flanges.

Claim 14 (currently amended): A resin tile as set forth in claim 11 wherein said plate has two pairs of opposite outer edge portions, and wherein said fastener-receiving ~~bores~~ bore means are located in at least one pair of said opposite outer edge portions.

Claim 15 (currently amended): A resin tile as set forth in claim 14 wherein said fastener-receiving ~~bores~~ bore means are also located in the other of said pairs of ~~fastener-receiving bores~~ opposite outer edge portions.

Claim 16 (original): A resin tile as set forth in claim 1 wherein first ribs are molded integrally with said inner flanges and said lower surface, and wherein second ribs are molded integrally with said inner and outer flanges and said lower surface.

Claim 17 (original): A resin tile as set forth in claim 16 wherein said first ribs are also molded integrally with each other.

Claim 18 (original): A resin tile as set forth in claim 16 wherein said inner flanges have lower edges, and slots extending inwardly into said inner flanges from said lower edges.

Claim 19 (currently amended): A tile assembly including a plurality of tiles as set forth in claim 1 including a plurality of channel ~~members~~ each means for mounting on said joists, each of said channel means having legs and a web with said legs being for positioning alongside said inner flanges between said inner flanges and said joists, and said outer flanges for resting on said webs located between said outer flanges and said joists.

Claim 20 (original): A tile assembly as set forth in claim 19 wherein said inner flanges have lower edges, slots extending inwardly into said inner flanges from said lower edges, and pins extending outwardly from said legs and received in said slots.

Claim 21 (original): A tile assembly as set forth in claim 20 wherein said first ribs are molded integrally with said inner flanges and said lower surface, and wherein said second ribs are molded integrally with said inner and outer flanges and said lower surface.

Claim 22 (original): A tile assembly as set forth in claim 21 wherein said first ribs are also molded integrally with each other.

Claim 23 (withdrawn): A flooring system comprising resin channels having webs and legs mounted on joists with said webs resting on the edges of the joists and said legs straddling the sides of the joists, a plurality of adjacent resin tiles each including a plate, inner flanges extending downwardly from said plates and being located adjacent to said legs of said channels, outer flanges located outwardly of said inner flanges and resting on said webs of said channels, outer edge portions on each of said tiles, fastener-receiving bores in said outer edge portions which overlie said joists, and fasteners extending through said fastener-receiving bores into said joists.

Claim 24 (withdrawn): A resin tile as set forth in claim 23 including enlarged bores overlying said fastener-receiving bores, and plugs for fitting into said enlarged bores.

Claim 25 (withdrawn): A resin tile as set forth in claim 24 wherein said plate has two pairs of opposite outer edge portions, and wherein said fastener-receiving bores are located in at least one pair of said opposite outer edge portions.

Claim 26 (withdrawn): A resin tile as set forth in claim 24 wherein said fastener-receiving bores are also located in the other of said pairs of fastener-receiving bores.

Claim 27 (withdrawn): A resin tile as set forth in claim 26 including enlarged bores overlying said fastener-receiving bores, and plugs for fitting into said enlarged bores.

Claim 28 (withdrawn): A flooring system comprising a plurality of spaced joists each having an edge and sides, a plurality of adjacent resin tiles each including a plate, inner flanges extending downwardly from each of said plates and being located adjacent to said sides of adjacent joists, outer flanges located outwardly of said inner flanges and resting on said edges of adjacent joists, outer edge portions on each of said tiles overlying adjacent joists, fastener-receiving bores in said outer edge portions, and fasteners extending through said fastener-receiving bores into said joists.

Claim 29 (withdrawn): A flooring system as set forth in claim 28 wherein said resin tiles have corners, and wherein said fastener-receiving bores are located at said corners.

Claim 30 (withdrawn): A flooring system as set forth in claim 28 wherein said resin tiles have corners, and wherein said fastener-receiving bores are located in said outer edge portions remote from said corners.

Claim 31 (currently amended): A resin tile comprising a plate having an upper surface and a lower surface, a plurality of inner ~~flanges~~ flange means extending downwardly from said plate for extending along a joist in close parallel relationship thereto and in effective engagement therewith, a plurality of outer ~~flanges~~ flange means extending downwardly from said plate outwardly of said inner ~~flanges~~ flange means in substantially parallel relation thereto for bearing down on the top of said joist, and said outer flanges being of less height than said inner flanges.

PLEASE ADD THE FOLLOWING CLAIMS:

32. A tile assembly including a plurality of tiles as set forth in claim 1, a plurality of joists on which said outer flanges of said plurality of tiles rest, and fasteners extending through said bore means and received in said joists.

33. A tile assembly as set forth in claim 32 including enlarged bores overlying said bore means, and plugs fitting in said enlarged bores.

34. A tile assembly as set forth in claim 32 wherein said tiles have corners, and wherein said fastener-receiving bore means are located at said corners.

35. A tile assembly as set forth in claim 34 including blocks in said corners which contain said bore means.

36. A tile assembly as set forth in claim 35 including enlarged bores overlying said bore means, and plugs fitting in said enlarged bores.